

AMENDMENTS TO THE SPECIFICATION

Without prejudice, please amend the disclosure as below:

✓ Paragraph beginning at line 28 of page 7:

The transmitter 12 includes a transmission buffer 22 for queuing forward data packets 18 prior to transmission. The volume of forward data packets 18 ~~are~~^{that is} transmitted from the transmission buffer 22 is determined by a sliding window called a "congestion window" maintained by a processor at the transmitter and operating on the transmission buffer 22. Each time a transmitted forward data packet 18 is acknowledged by the receiver 16, the congestion window advances, permitting the transmitter 12 to transmit a new forward data packet 18 onto the network 10. The size of the congestion window determines the volume of forward data packets 18 transmitted from the transmitter 12.

✓ Paragraph beginning at line 4 of page 16:

Block 76 directs the processor circuit 50 to act as a current arrival volume filter to obtain a new current arrival volume estimate $\hat{M}(n)$ ~~$M(n)$~~ from the queue interface 48 and to time filter the current arrival volume $\hat{M}(n)$ as a weighted sum of present and past arrival volumes, in this embodiment according to the equation

$$\hat{M}(n) = \Theta M(n-1) + (1-\Theta) \hat{M}(n) M(n) = \Theta \hat{M}(n-1) + (1-\Theta) \hat{M}(n),$$

where Θ is a weighting constant between 0 and 1, pre-programmable by a user to produce a filtered current arrival volume estimate. The use of the current arrival

3 Years = 54
2 Years = 258